

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/000890

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B41F 7/30, B05B 1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B41F, B06B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6293476 B1 (N.T. PETTIT), 25 Sept 2001 (25.09.2001) --	1-9
A	US 4891249 A (F.S. MCINTYRE), 2 January 1990 (02.01.1990) --	1-9
A	US 4708058 A (G.R. SMITH), 24 November 1987 (24.11.1987) --	1-9
P,A	EP 1361045 A1 (KABUSHIKI KAISHA TOKYO KIKAI SEISAKUSHO), 12 November 2003 (12.11.2003) --	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

14 Sept 2004

Date of mailing of the international search report

22-09-2004

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PCT/SE 2004/000890

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0422400 A2 (ROCKWELL INTERNATIONAL CORPORATION), 17 April 1991 (17.04.1991) --	1-9
A	EP 0621134 A1 (JIMEK INTERNATIONAL AB), 26 October 1994 (26.10.1994) --	1-9
A	GB 666247 A (E.J. MARSHALL ET AL), 6 February 1952 (06.02.1952) -----	1-9

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US	6293476	B1	25/09/2001	CA	2349387	A	28/12/2001
				EP	1166884	A	02/01/2002
				JP	2002028540	A	29/01/2002

US	4891249	A	02/01/1990	AU	610168	B	16/05/1991
				AU	1608788	A	01/12/1988
				BR	8802576	A	20/12/1988
				CN	1030032	A	04/01/1989
				EP	0293065	A	30/11/1988
				FI	882313	A	27/11/1988
				IL	86272	A	29/03/1992
				JP	1058370	A	06/03/1989
				US	4996091	A	26/02/1991

US	4708058	A	24/11/1987	EP	0257195	A	02/03/1988
				JP	63072549	A	02/04/1988

EP	1361045	A1	12/11/2003	JP	2003326669	A	19/11/2003
				US	2003209613	A	13/11/2003

EP	0422400	A2	17/04/1991	SE	0422400	T3	
				CA	2025331	A,C	11/04/1991
				DE	422400	T	26/09/1991
				DE	69014066	D,T	27/04/1995
				JP	2111662	C	21/11/1996
				JP	3132348	A	05/06/1991
				JP	8029580	B	27/03/1996
				US	5040457	A	20/08/1991

EP	0621134	A1	26/10/1994	DE	69406707	D,T	12/03/1998
				SE	507913	C	27/07/1998
				SE	9301360	A	24/10/1994

GB	666247	A	06/02/1952	NONE			
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